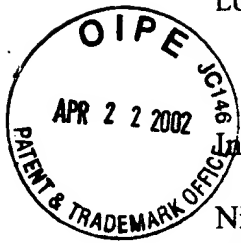


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re the Application of

Nicholas Gnesda, Kenneth Frank Smolik  
and Jeffrey Arthur Zahnle

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For: APPARATUS AND METHOD  
FOR MEASURING AND  
CONTROLLING THE  
PERFORMANCE OF  
AN ADJUSTABLE ANTENNA ON  
A SUB-SECTOR BASIS

Assignee: Lucent Technologies Inc.

Examiner: Nguyen, Lee

Serial No. 09/490,605

Group Art Unit: 2683

Filed: January 25, 2000

AMENDMENT

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APR 24 2002

Technology Center 2100

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Dear Sir:

In response to the Official Action dated January 15, 2002, please amend the  
above-identified application as set forth hereinbelow.

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IN THE SPECIFICATION

Please replace the paragraph beginning at page 8, line 4, with the following  
rewritten paragraph:

--In the exemplary embodiment disclosed herein, the control signal values of each  
antenna element apply to all calls being served by a given sector at a given time. (Even  
though FIG. 1 shows one mobile subscriber unit being served by a base station, e.g.  
mobile subscriber unit 100 served by base station 103, a plurality of mobile subscriber  
units are typically served by a given sector.) In other words, control signal values are not  
determined for each specific call as may be the case for "smart antennas." The present  
invention utilizes measurements from all calls on a given sector over a study period and

GP/2783

**AMENDMENT TRANSMITTAL LETTER (Large Entity)**

Docket No.

LUC-338

Applicant(s): Nicholas Gnesda, Kenneth Frank Smolik and Jeffrey Arthur Zahnle

Serial No.

09490,605

Filing Date

January 25, 2000

Examiner

Nguyen, Lee

Group Art Unit

2783

Invention: **APPARATUS AND METHOD FOR MEASURING AND CONTROLLING THE PERFORMANCE OF AN ADJUSTABLE ANTENNA ON A SUB-SECTOR BASIS**

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TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

**CLAIMS AS AMENDED**

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	16 -	20 =	0 x	\$18.00	\$0.00
INDEP. CLAIMS	2 -	3 =	0 x	\$84.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$0.00

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- ☒ No additional fee is required for amendment.
- ☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_  
A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 501562  
A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.

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Dated: April 10, 2002

Signature

Donald D. Mondul  
Reg. No. 29, 957  
Attorney for Applicants

I certify that this document and fee is being deposited on April 10, 2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Donald D. Mondul

Typed or Printed Name of Person Mailing Correspondence

CC: